

Eastern Arizona Amateur Radio Society

EST. 1974

www.eaars.com

INC.

facebook.com/groups/eaars

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



October, 2018

JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



EAARS Open Repeaters

PL 141.3 unless noted otherwise

Echolink: 614350 **IRLP:** 7787

Heliograph Peak at Safford, AZ:

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

Jacks Peak at Silver City, NM:

145.210 Linked

West Peak at Ft Thomas, AZ:

145.350 Access to link to network

Pinal Peak at Globe, AZ:

145.410 Linked

South Mt at Alpine, AZ:

145.270 Linked

Caballo Mt at TorC, NM:

145.470 Linked

Greens Peak at Show Low, AZ

146.700 Linked

Little Florida at Deming, NM:

147.060 Linked

Mule Mt at Bisbee, AZ:

147.080 Linked

Mt Lemmon at Tucson, AZ

147.160 Linked

Guthrie Peak at Clifton, AZ:

147.280 Linked

Gals on the Air!

EST. June 2015

Calling all Gals of any class ... Join us every Monday night for the
Gals Night Net @ 7:30 pm (AZ) on the EAARS system!

Upcoming Events

*Would You like to see your event posted for the membership to see?
Email your information to emberfire@cox.net.*

Oct 7. . . Tucson Ham Picnic - Angie N7EMB, Chris N7JND, Don KD7UIZ

Oct 19. . . Socorro Amateur Radio Assoc.

Oct 21. . . Making Strides Against Breast Cancer - Angie N7EMB

Nov 10 . . . Alzheimer's Walk - Angie N7EMB

Apr 27, 2019 . Tucson Ham Picnic - Angie 7NEMB, Chris N7JND, Don KD7UIZ

Did you know that you can see the Public Service Opportunities on soazhamservice.net? The events are posted by dates and who leads them. If you are interested in participating or have any questions, please feel free to contact them.

WEEKLY EAARS' NETS

Every day:

Down Under Net - 4:15 am

Weather Net - 5:30 am

NTS Traffic Net - 6:30 pm

Sunday:

EAARS Net - 7:00 pm

Monday:

Gals Night Net - 7:30 pm

Wednesday:

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,

Off Season, every second Wednesday of month at 7:30 pm

Saturday:

ERC (Emergency Response Communications) Net -8:45 am ,

2nd Saturday of the month (20-25 min duration)

EAARS Officers and Staff

Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

Net Control Operators

Rick W8YBM	1st Sunday
Angie N7EMB	2nd Sunday
Mike W7IJ	3rd Sunday
Chris N7JND	4th Sunday

Next EAARS Meeting November 20, 2018 Search and Rescue @ Thatcher

RST and Laurel VEC have teamed together to bring to Tucson the first 'FEE FREE' Amateur Radio Testing Service in AZ. RST has been offering FREE exams and fast licensing service since 2012.

If you are looking to get your Technician License or upgrade, no more excuses! It's FREE! So start studying and we will see you at the next test session!

All testing dates are on a Monday at 7:00 pm @
Hardesty Mid-Town Police Building
1100 S Alvernon, Tucson 85711

October 8, 2018

November 12, 2018
December 10, 2018

GOOD LUCK! Hear You on the Air!

New EAARS Members!

☆
welcome

Leana N7LSJ
Doug AF7OX
Keith KI7KDD
Cliff KI7YEL

Bob KI6MT - Husband
Sally N6ONJ - and Wife Team

totally
awesome

A Weekend in Paradise

Once a year on Labor Day weekend, the Cochise Amateur Radio Association (CARA) packs up and heads to Paradise for a special event weekend. This year marked the 40th year of this great event.

Paradise is located 5.7 miles west (up-mountain) from Portal, Arizona and is surrounded by Coronado National Forest land. Paradise is a ghost town in Cochise County in Arizona. The town was settled in 1901 in what was then the Arizona Territory.

For 40 years, CARA has sponsored a multi day Special Event to practice for an unforeseen circumstance, without the aid of internet, commercial electricity and usual surroundings. In conjunction with Cochise County RACES, we utilize a variety of radio equipment, transmitting and receiving in digital modes, CW and Phone. As a participant, you can operate in any mode you want, using your station equipment and/or CARA/RACES equipment.

This Special Event has been listed in QST and is an ARRL sanctioned Special Event.

Although rain made an appearance this year, it did not stop those who wanted to go out and have a fun radio weekend.

(Part of the print above, was copied from the official Paradise flier available on the CARA website.)

For all the photos, please visit the CARA website at <http://www.k7rdg.org>



2018 Annual EAARS Picnic

The annual EAARS membership picnic took place on September 15th. Once a year, EAARS offers its members, a great picnic in the Safford area. This year, approx 50 members signed the sign in sheet. This does not include all family that came along also. It was a great turnout.

There were great people, great food and great cooks. The steaks were excellent and the sides that people brought, were excellent also. I'm thinking most food brought was consumed.

It's always great to put faces to calls. This year, a few new faces appeared and it's great meeting those who you talk to on a regular basis.

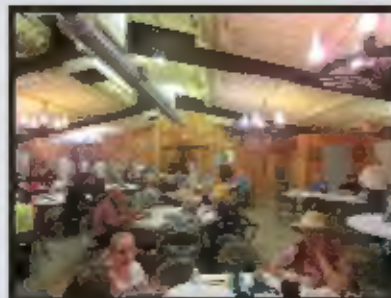
The setting of the picnic was at the Discovery Park near Safford Arizona. A western feel is the first thing you notice when you walk into the room.

A big THANK YOU to the EAARS officers and to ALL for putting this picnic on. Thanks to all who brought a dish to share.

Thanks to all the EAARS members and their family for attending this year. Without your support, we would not be here. THANK YOU!!!

Below are a few photos that were taken. If you are a member of the EAARS Facebook page, all photos are available there. Just do a Facebook search for EAARS.

**See you
all next
year!**



RST 2018 Fall Hamfest

The Radio Society of Tucson (RST), held their fall Hamfest on September 29th and it was a great turn out. This was the first year that RST held a fall Hamfest in addition to their regular spring Hamfest and it looks like a big hit. Many turned out for this Hamfest including both sellers & buyers. There was plenty of great bargains to be found. Many treasures were being transported by many people, out to their cars and trucks in the parking lot of Target on Tucson's east side. Some of these items required two or more people to carry out.

The grand prize raffle of an Icom ID-5100A, was won by Mark – W7GMO. Congratulations to Mark and to all who won some great prizes.

VE Ham Tests were given and there was around 12 people who tested. Thanks to the Scouts for providing the coffee and doughnuts.

Many made about 7-8 laps around the Hamfest before settling on that one great buy.

**Thanks RST for putting on a great Hamfest.
All the photos of the Hamfest can be viewed at wd7f.com**



Window to Submit Proposals to Host Contacts with Space Station Crew Opens October 1st

ARRL - 09/21/2018



Proposals by school and educational organizations to host **Amateur Radio on the International Space Station (ARISS)** contacts with an International Space Station crew member next year will be accepted starting on Monday, October 1. **Completed proposals are due by Thursday, November 15.** ARISS anticipates that the contacts will be scheduled between July 1 and December 31, 2019, although crew schedules and ISS orbits determine exact contact dates. A committee of educators evaluate and approve proposals.

"ARISS contacts allow education audiences to learn firsthand from astronauts what it is like to work and live in space," ARISS said. "These scheduled contact opportunities are offered to formal and informal education institutions and organizations, individually or working together."

To maximize these radio contact opportunities, ARISS is looking for organizations that will draw a large number of participants and integrate the contact into a well-developed education plan. Because of the nature of human spaceflight and the complexity of scheduling activities aboard the ISS, organizations must demonstrate flexibility to accommodate changes in contact dates and times.

Educational proposals should include plans for students to study topics related to space technology, space exploration, or space research, and, to learn about communication, wireless technology, and radio science. The more advanced preparation educators make with educational plans, the more learning and value the ARISS event will have for students, ARISS said. A Proposal Guide can help in planning and identifying necessary to host an ARISS scheduled contact.

Proposal webinars for guidance and getting questions answered will be offered on October 11 and on October 23 at 8 PM Eastern Time. Advance registration is necessary.

An ARISS Technical Mentor is assigned to assist educational organizations with technical preparations and logistical coordination of the contact. With the assistance of the ARISS team, ARRL and AMSAT can help in locating a local Amateur Radio group to provide equipment and expertise. In many cases, local ham radio club volunteers may also be able to assist with lessons on communication, wireless technology, or radio science.

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Scouting's 2018 Jamboree on the Air Set for October 19-21



ARRL - 09/25/2018

Scouting organizations are still registering to participate in the 2018 Jamboree on the Air (JOTA) over the October 19 – 21 weekend. With about 1 month to go, JOTA Coordinator Jim Wilson, K5ND, told ARRL that registration is “probably on target” at this point. US registrations stood at 235 as of the end of last week. Right after JOTA 2017, 489 US locations had signed up, although that included both Jamboree on the Air and Jamboree on the Internet (JOTI) participants, which, Wilson said, the Boy Scouts of America (BSA) have “remained steadfast” in considering separate events, although, he noted, this is not the case at the world level.

“Our goals are primarily to grow participation,” Wilson told ARRL. “The World JOTA-JOTI Team has set a goal of 3 million participants by 2021; 2017 saw 1.5 million worldwide. Sign-ups at the world level right now are at 1,428 locations. Wilson said that, in the US, many locations wait until the last minute to register their participation. In 2017, some 7,900 Scouts took part in JOTA, down by nearly 10,800 participants from 2016, but topping participation for 2014 and 2015. Total radio contact numbers were down from 2016 and 2015.

“We’ve also put in place a number of aids to help people improve their on-the-air experience, which will be challenging without sunspots,” Wilson pointed out. “We’ve provided a video of how to work HF for JOTA. We’ve also provided a quick reference card to help Scouts during the QSO.” Recommended JOTA frequencies are listed on the K2BSA website.

“Operators should note that these frequencies are starting points to find QSOs,” Wilson added. “They can also turn the dial to find other stations on the air. It’s not like a repeater.” A list of Girl Scout activities supported by JOTA-JOTI has also been posted.

Held each year on the third full weekend in October, JOTA is the world’s largest Scouting event. JOTA uses Amateur Radio to link Scouts and hams around the world. Scouts of any age and gender can participate, from Cub Scouts to Boy Scouts and Venturers.

Radio amateurs at the local level are encouraged to work with a scout council or unit to set up a JOTA station or arrange to have Scouts visit their shacks. “You can also participate just by making QSOs with the many JOTA stations that will be on the air,” Wilson said.

The Boy Scout Jamboree

by Joe K3TYE

The Boy Scout Jamboree on the Air is upon us and WN7BSA the Southeast Arizona Boy Scouts Wireless Association will be "on-the-air" for the event. The Jamboree on the Air, JOTA for short, is an international Scouting activity held annually the third full weekend in October. This year the weekend of October 19th - 21st. The JOTA event is now considered the largest event scheduled by the World Organization of Scouting.

Many EAARS members have heard WN7BSA on the air before and usually you will hear some young voice asking questions about amateur radio and this year will be no exception. In addition to our on-the-air activities members of WN7BSA and other volunteers will be staging other hands-on events.

Another event will be "Fun With Audio" or "How To Annoy Your Parents and Drive Your Friends Crazy." Participants will get to play with an audio generator, a speaker, and an oscilloscope and see the difference between a sine wave, a square wave, and a triangular wave and then blast the neighborhood with the most jaw-jarring sounds they could devise.

Morse code anyone? The youngsters will experience what it was like to send a "Morse code message" during the pioneer days.

Old Time Radio. See vacuum tubes in action as members show off some of their heirloom audio and radio equipment. Participants may even get to take home a few vacuum tubes to show off to their grandparents. Rumor has it that the Ray Conniff Singers and Orchestra will be attending via transcription.

And don't forget the transmitter hunt, the Raspberry Pi demonstration, and the "hands-on" soldering demonstration.

But wait, there's more. After dark, members of the Tucson Amateur Astronomical Association (TAAA) will be showing off some of the wonders of the evening sky through their telescopes. We will get to see Saturn, Mars, and the moon, skies permitting.

EAARS members, please help us out! When you hear us on the air, please do not be afraid to get on and answer some of the youngsters questions. Also be prepared to ask questions.

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The Boy Scout Jamboree

by Joe K3TYE

Questions we'll be asking:

1. What is your QTH and how are you reading my signal?
2. Can you tell me how long you have been a ham radio operator and what do you like best about amateur radio?
3. Was it hard to get a license?
4. Do you have other hobbies besides amateur radio?
5. Did you grow up in Tucson?
6. What did you do for fun when you were a teenager?
7. Did you ever get into trouble when you were in school?

Suggested questions you can ask:

1. Do you like sports?
 2. What are your favorite teams?
 3. Do you play a musical instrument?
 4. Have you seen any movies recently?
 5. Have you read any good books recently?
- So again, please listen for us on October 20th. We will be on the EAARS system as well as other Tucson area repeaters and on HF.

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ARRL ARISS-US Delegate Rosalie White, K1STO, quoted one educator who wrote, "Many of our middle school students who participated in and attended our ARISS contact have selected science courses in high school as a result of that contact." Many teachers report setting up ham radio clubs in schools and learning centers because of students' interest prior to an ARISS contact.

Full information on hosting an ARISS contact is available on the ARISS website.

Amateur Radio organizations around the world, NASA, and space agencies in Russia, Canada, Japan, and Europe sponsor this educational opportunity by providing equipment on the space station and operational support to enable direct communication between crew on the ISS and students around the world via Amateur Radio. In the US, the program is managed by ARRL and AMSAT in partnership with NASA.

Cooking up
Some Magic



Cheesy Baked Chicken and Rice



INGREDIENTS

1 c. white rice
1 tbsp. extra-virgin olive oil, plus more for drizzling
1 lb. boneless skinless chicken breasts, quartered
kosher salt
Freshly ground black pepper
3 cloves garlic, minced
1 onion, chopped
1/2 c. dry white wine (such as Sauvignon Blanc)
1 c. low-sodium chicken stock
1/4 c. heavy cream
2 c. frozen peas
1/4 c. chopped fresh parsley, plus more for garnish
1 1/2 c. freshly grated Parmesan, divided

DIRECTIONS

1. Preheat oven to 450°. Prepare rice according to package directions, less 5 minutes.
2. Meanwhile, heat a large skillet over medium-high heat. In a medium mixing bowl, drizzle olive oil over chicken and season with salt and pepper. Cook chicken until golden all over, 6 minutes per side. Transfer to a plate and set aside.
3. Add 1 tablespoon oil to skillet and heat over medium. Add garlic and onions and cook until softened, about 3 minutes. Add wine, chicken stock, heavy cream, salt and pepper; bring to a boil and simmer until slightly reduced, about 5 minutes. Add chicken (and juices from the plate), cooked rice, peas, parsley, and 1 cup Parmesan.
4. Bake until heated through, about 15 minutes.
5. Garnish with parsley and sprinkle with remaining Parm. Serve immediately.

Yields: 4

Prep Time: 20 minutes

Total Time: 35 minutes

kiss the
cook